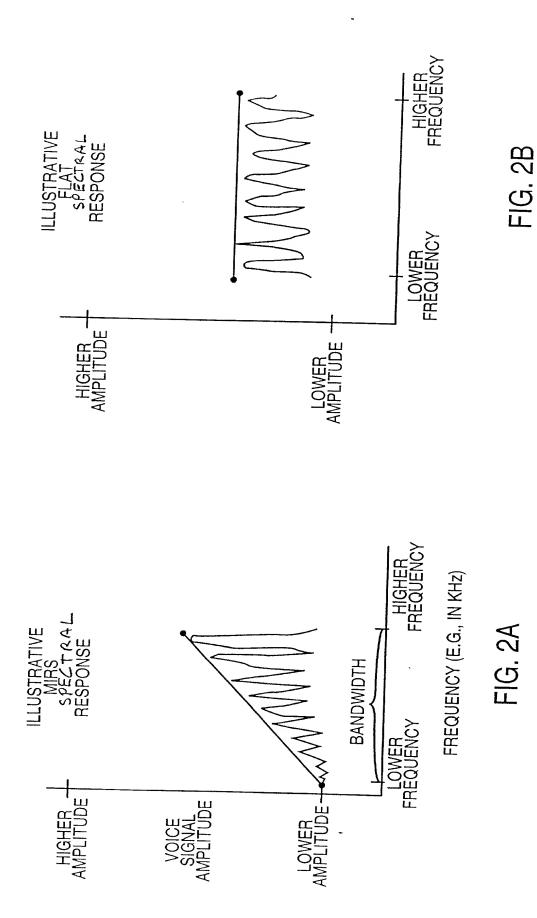
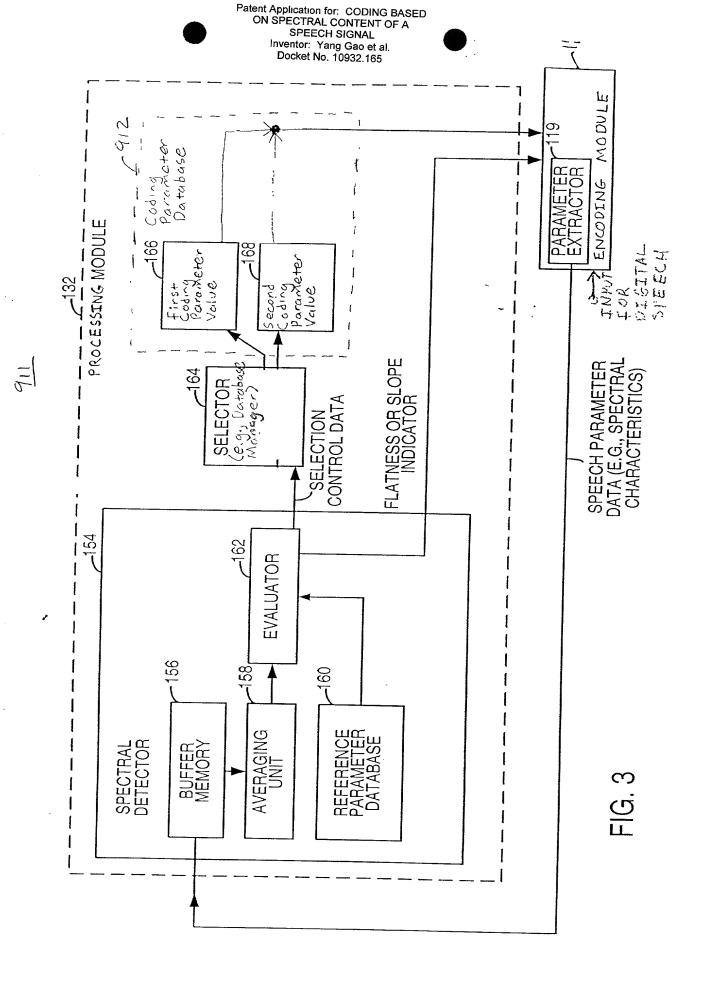
FIXED SUBSCRIBER STATION (E.G., TELEPHONE)

± 8 × 1

Patent Application for: CODING BASED ON SPECTRAL CONTENT OF A SPEECH SIGNAL Inventor: Yang Gao et al. Docket No. 10932.165





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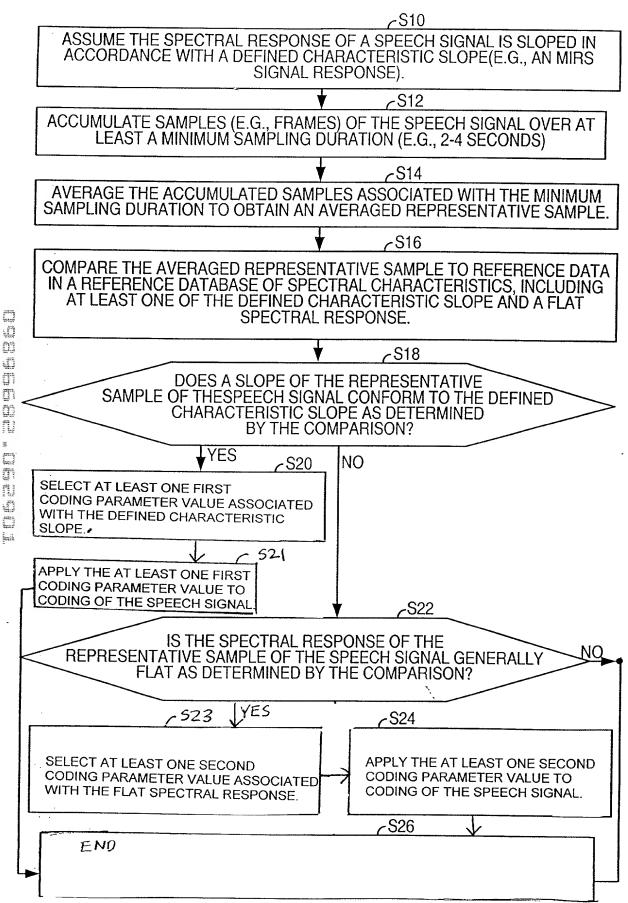
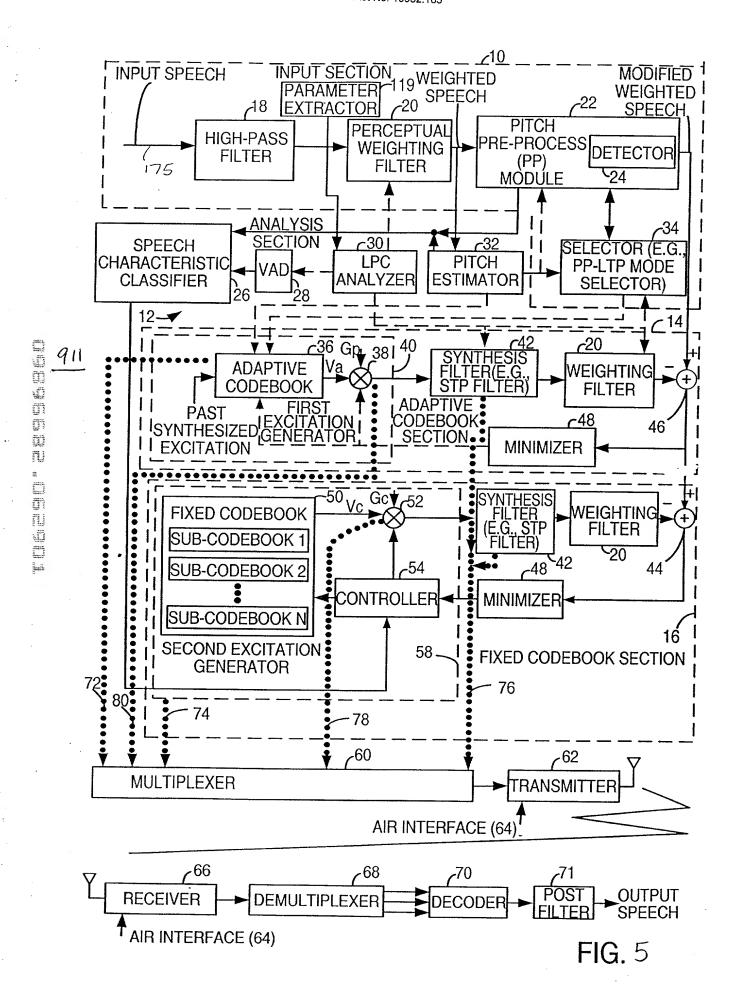
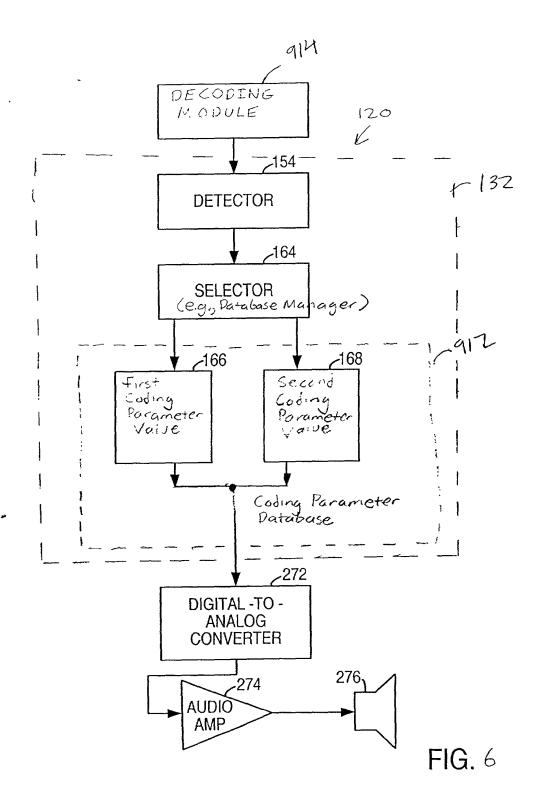


FIG. 4

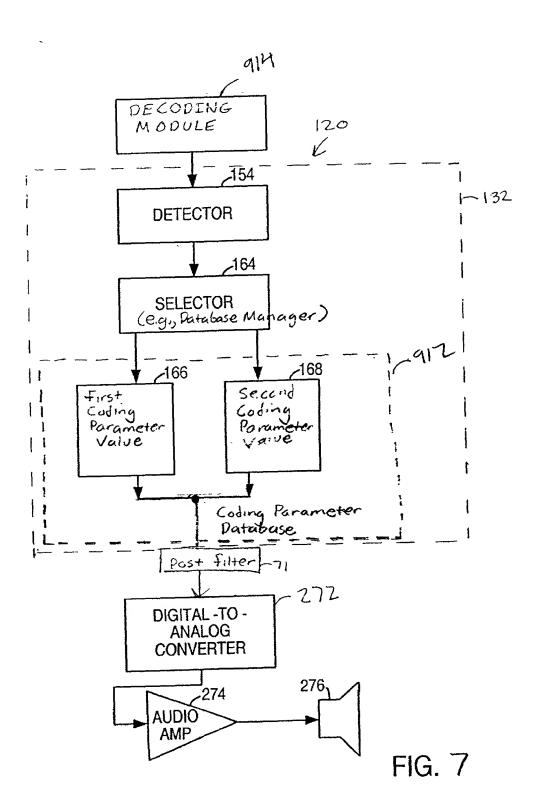


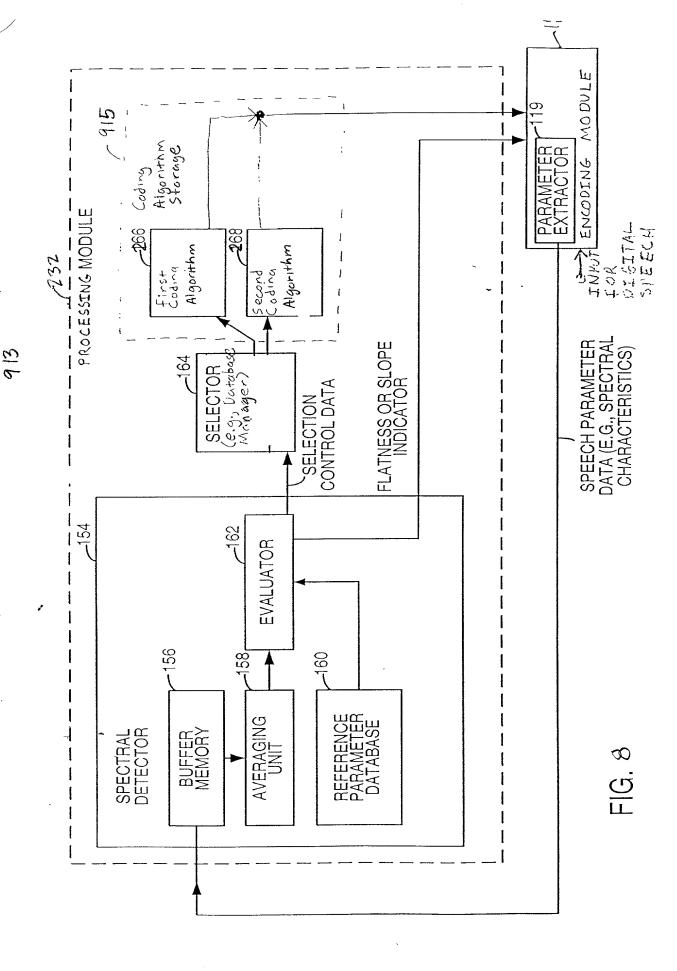
Patent Application for: CODING BASED
ON SPECTRAL CONTENT OF A
SPEECH SIGNAL
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Docket No. 10932.165



Patent Application for: CODING BASED ON SPECTRAL CONTENT OF A SPEECH SIGNAL

Inventor: Yang Gao et al. Docket No. 10932.165





Patent Application for: COUING BASED ON SPECTRAL CONTENT OF A Inventor: Yang Gao et al. Inventor: Yang Gao et al.

## Patent Application for: CODING BASED ON SPECTRAL CONTENT OF A SPEECH SIGNAL Inventor: Yang Gao et al.

Docket No. 10932.165

## FIG. 9

5100 ESTIMATE THE SPECTRAL CONTENT OF A SPEECH SIGNAL 5102 SELECT A CODING ALGORITHM FROM AN ASSORTMENT OF CODING ALGORITHMS BASED ON THE ESTIMATED SPECTRAL CONTENT OF THE SPEECH SIGNAL. 5104

CODE THE SPEECH SIGNAL IN ACCORDANCE WITH THE SELECTED CODING ALGORITHM, WHERE THE SELECTED ALGORITHM MAY CONTROL THE OPERATION OF AT LEAST ONE OF A PREPROCESSING FILTER, A POST-PROCESSING FILTER, A WEIGHTING FILTER, A SYNTHESIS FILTER, A CODING CONTROL COEFFICIENT, AND A QUANTIZATION TABLE.

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## FIG. 10

CODE THE SPEECH SIGNAL IN ACCORDANCE WITH THE VARIED CODING PARAMETER, THE VARIED CODING PARAMETER ASSOCIATED WITH AT LEAST ONE OF A PREPROCESSING FILTER, A POST-PROCESSING FILTER, A WEIGHTING FILTER, A SYNTHESIS FILTER, A CODING CONTROL COEFFICIENT, AND A QUANTIZATION TABLE.

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